AMENDMENT OF SOLICITATION/MODIFIC	ATION OF CONTRAC	BPA NO.	1. CONTRACT ID CODE	PAGE 1	OF 39
2. AMENDMENT/MODIFICATION NO. A00002	3. EFFECTIVE DATE 01-28-2014	4. REQUISITION/PURCHASE REQ. NO. 5. PROJECT NO.(If at 575–206			licable)
6. ISSUED BY		7. ADMINISTERED BY (If other th	an Item 6)	ODE	
Department of Veterans Affairs Network Contracting Office NCO 19 4100 E. Mississippi Avenue, Suite 900 Glendale CO 80246 Department of Veterans Affairs Network Contract NCO 19 4100 E. Missississississississississississississ		ting Office ippi Avenue, Suite 900			
8. NAME AND ADDRESS OF CONTRACTOR (No., street, county, State	and ZIP Code)	•	(X) 9A. AMENDMENT OF SOLICITA	TION NO.	
To all Offerors/Bidders			VA259-14-R-1018		
			yb. dated (SEE ITEM 11) 01-28-2014		
			10A. MODIFICATION OF CONTI	RACT/ORDER NO.	
			10B. DATED (SEE ITEM 13)		
CODE	FACILITY CODE	NOMENTS OF SOLICIT	ATIONS		
11. THIS ITEM O	ONLY APPLIES TO AME			ed, X is not exte	
Offers must acknowledge receipt of this amendment pri (a) By completing Items 8 and 15, and returning offer submitted; or (c) By separate letter or telegram wh KNOWLEDGMENT TO BE RECEIVED AT THE PLACE RESULT IN REJECTION OF YOUR OFFER. If by virt by telegram or letter, provided each telegram or letter m and date specified.	copies of the amendment ich includes a reference to the DESIGNATED FOR THE Rule of this amendment you de	ent; (b) By acknowledging re e solicitation and amendme ECEIPT OF OFFERS PRIO sire to change an offer alrea	eceipt of this amendment on ea nt numbers. FAILURE OF YC R TO THE HOUR AND DATE dy submitted, such change ma	ch copy of the DUR AC- SPECIFIED MAY by be made	
12. ACCOUNTING AND APPROPRIATION DATA (If required)					
	ES ONLY TO MODIFICATE HE CONTRACT/ORDER I				
(X) A. THIS CHANGE ORDER IS ISSUED PURSUANT TO: (Specify a					
B. THE ABOVE NUMBERED CONTRACT/ORDER IS MODIFIED TO SET FORTH IN ITEM 14, PURSUANT TO THE AUTHORITY OF FAR		ANGES (such as changes in pa	ying office, appropriation date, etc.)		
C. THIS SUPPLEMENTAL AGREEMENT IS ENTERED INTO PURSUANT TO AUTHORITY OF:					
D. OTHER (Specify type of modification and authority)					
E. IMPORTANT: Contractor is not, X is	required to sign this docume	nt and return 1	copies to the issuing office.		
14. DESCRIPTION OF AMENDMENT/MODIFICATION (Organized by UCI	section headings, including solicitation	/contract subject matter where feasibl	e.)		
a) A site visit was held on $1/07/2014$ and the list of attendees is attached.					
b) Questions and answers received prior to the date required for submission are attached.					
c) A revised solicitation (revised a. Clarifies the pricing sche are deductive alternates b. Changed to correctly refer 36 of the attached questi d) "Specifications Vol. 1" has been deleted in it to avoid the confus	dule of the solicitat - also see question ence "Factor 5" for prons and answers. revised, and is atta	tion (p. 4 of the sol: 48 of the attached icing on page 3 of the ched - "Section 004	questions and answers e solicitation (also se	e question	
e) The date set for the receipt of	offers has not been o	changed.			
Except as provided herein, all terms and conditions of the document reference	ed in Item 9A or 10A, as heretofore char	nged, remains unchanged and in full fo	orce and effect.		
15A. NAME AND TITLE OF SIGNER (Type or print)		16A. NAME AND TITLE OF CONTRA	ACTING OFFICER (Type or print)		
15B. CONTRACTOR/OFFEROR	15C. DATE SIGNED	16B. UNITED STATES OF AMERICA	1	16C. DATE SIGNE	

(Signature of person authorized to sign)

(Signature of Contracting Officer)

DATE: January 7, 2014 TIME: 10:30 A.M. (MST)

NAME	COMPANY NAME	PHONE NUMBER	SIGNATURE
LACOB DAZS	Mta. VALLEY Contra	oting 970-245-1990	Jah 8. Dan
DAN WALL	ASCENT CONSTRUC	MEN 801-299-	1711 Da Well
GangRhudes	Pacific North LLC	801-509-1104	Louy Blude
LUCAS WATSON	COLORADO PILING SENVE	CE, LL C 970-243-2304	The hat
Cosey AMills	ACS (CC JRCONKEY & AS		Sin Jus
STEVE SPIVEY	JRCONKEY SPINET	916 783 327	7 Al July
Paul Burdett	Mays Concrete	970-243-51	19 Part Budett
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Jow BACIM	u <u>uamag</u>	(97 <u>0-263-5</u> 0	16 John Barton

DATE: January 7, 2014 TIME: 10:30 A.M. (MST)

<u>NAME</u>	COMPANY NAME	PHONE SIGNATURE NUMBER
MARKMAK	GCS, UC	970-256-0465 Julyan
Terry Swedin	Keenans Plbs	970-249-3284 Tay S
CHRIS HUTTO	GROUND ENGINEER	anno 970-242-4300 CQ M
Grand on Mull och	Bexa-/Big-D	501-415-6000 Dacidlary
Took Universely	Maxar /Big - 10.	801:415-6006 All 1
JIM POVOLNY	POVOLNY GROUP	643-0866 Noorly
		

DATE: January 7, 2014 TIME: 10:30 A.M. (MST)

NAME Then Pelties	COMPANY NAME Hawk Contracting (970)	PHONE SIGNATURE NUMBER 275-8500 Juntu
Joe Shrun	Hawk controlling	970-462500 Jee Sh
CASEY FLEMING	BZB ELECTRIC	970-242-2450
JOHN CHUTKA	SKYLINE LONTRALTING, INC	970-434-7/21 Thether Schille
Josep Richards	Jrichards@gecine.net	970-434-7600
JASON Porter	CSI	241-0265 Jaffor
RyanCky	C55	
BOTCH MCNAY	CSD	· ATM
Barrett Holey	WH ENGLIFERING, INC 9TK	245-2321 Sulfy
M. Ne Kelleher Det Bursey	Canady Centerre	970 434 9121 mel 1686h 303-200 9400 M

DATE: January 7, 2014 TIME: 10:30 A.M. (MST)

<u>NAME</u>	COMPANY NAME	PHONE NUMBER	SIGNATURE
BUDGE BALLIF	RHI	531 589 422	2 Blil BBuy
te-Swenson	RALFH L. WASSINGERA	80155166	45
Sean Walker	Ralph L. Wadsworth	801-553-1661	all
NEAL MARCUS	MOUNTAIN PARKING	303,525.4	350 Su
DAVEJENSEN	MAYS CONCRETE, INC	970243560	9 Daufenn
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DAVID PURED	HUSTEY CONST	719-761-7740	John
Stephanie Nocks	Construction Engr. Solutions	970-773-3546	Stap monde
Dave Hillbrand	Kuerster Const.	970629 8210	DAJOR
Lance Dengend	GCH Construction	3039198356	
Deporter Burns	1-facily	209-250	Local

DATE: January 7, 2014 TIME: 10:30 A.M. (MST)

NAME O A O A O	COMPANY NAME NIEWSTROM - DAVET	PHONE NUMBER	SIGNATURE
Gica Rod Poland	Catamount Const.	3-216-2710 303-679 4302 509-	500 6/1 / ·
Larry Higginson	DCG	509- 509-	
Ron McInerney BEN Languago	BCI CATAMOUNT COURT	303-671-	Rouliel
PETE SOM ITA	BEXA ADVANCEDSX.	801-444-0029	
ERIC Keller	INDUSTRUAL SYSTOM	970-874-49	ic Engliebe
Glenn Leurs	Industrial System	ns 970,589,	4206 K.g.
Tim Ryan	Industrial System 9	708744461	Timplum
Bill Schuch	RME	72044/7765	
Test Frederickson Test Uphan TOD WADSNOTE BUSKE	MockyMountain Excavations Fore USB RAYPH CWADSWOP	200-601-5650	17/2

Questions for the Parking Structure Project

- 1. Indicated on the electrical drawings in the legend are symbols for, card readers, speakers, and occupancy sensors. We have reviewed the plans none of these devices have been indicated on the floor plans. Is the contractor required to design any portion of this project? If so what percentage of the design is the electrical subcontractor expected to design including placement of devices, etc.? Symbol abbreviation lists are generic, not all items or abbreviations are used. Card readers are used. The design for this project has been completed, the contractor is not responsible for design.
- 2. In the scope of work in Section 28 (specs) there is a security system specified. Could you please tell us what security system does the Veterans Administration typically use or would like to use as there isn't one specifically specified in the RFP?

The existing physical security system is supported by Johnson Controls and is comprised of the main components:

P2000 server

10/100Base-T Ethernet physical network

CK721-A Network Controller

S300-DIN-RDR2S interface module

Listed, 18 AWG, 3-conductor, shielded cable (max. length 4000 lf)

The physical access control system (PACS) as furnished by this contract shall be compatible to the existing PACS and in accordance with 28 13 00.

- 3. Indicated on the electrical drawings in the legend are symbols for, card readers, speakers, and occupancy sensors. We have reviewed the plans and none of these devices have been indicated on the floor plans. Could you please tell us if there is an updating drawing set that we can review or a bill of materials we can review product counts, etc.? This information we need to perform initial takeoffs and prepare an accurate bid. The civil plans indicate equipment locations. Card readers are on the plans, see enlarged plans. These are the final bid set of plans, there will not be another set issued for bidding purposes. There is no electrical bill of material. Contractors are responsible for counts and material quantities.
- 4. Indicated in Volume 23 there is reference to Bill of Materials but there isn't one available for any of the Sections within the volume? There is not an electrical bill of material.
- 5. Are there any preferred manufacturers for the equipment specified? No preferred manufacturers. Any note of items with manufacturer or model on drawings and in specifications have been placed for design intent purposes only. Any items, procedures or systems submitted by the contractor and referenced or identified on the drawings and

- specifications by specific model or manufacturer shall be reviewed for "as equal" and approved or disapproved accordingly
- 6. Volume 3 Section 260293 Section 2.9.A states there is a Building Automation System spec in Section 23 09 23. This section is non-existent in the current scope of work. Will this section be added at a later date and what manufacturer is preferred? The lighting control panel will need the capability to connect to the existing main campus BAS if desired by the VA in the future. Connection to the existing BAS is not part of this project.
- 7. Drawing S-201 calls for 12" compacted granular fill. Spec. Section "03 30 00-21, 3.3 Vapor Barrier" calls for 4" of fine granular fill to act as a blotter for SOG. Please clarify and provide a detail for the slab on grade base? The total depth of granular free draining material below the slab on grade is 12" of CDOT Class 6 crushed aggregate, see Geotechnical report section 4.2.2. No vapor barrier is required.
- 8. Please provide building finish pad elevation? On sheet C-120.
- 9. Section "03 30 00-21, 3.4" requires moisture vapor emissions and alkalinity control at resilient flooring. Please provide a finish schedule (flooring in particular) for the maintenance and storage area? There is no resilient flooring in this project except in the elevator cab. Maintenance and storage areas are to receive concrete flooring with same level of finish as the rest of the garage areas.
- 10. Drawing A-614, details (2, 5/A-614) call for column covers to be attached by precast fabricator/subcontractor. The details do not show embeds in the structural concrete columns. Please confirm that the structural concrete contractor has no embed installation in the concrete columns? Embeds/connections will be as required and provided by precast supplier and for installation by concrete contractor as described in the specifications (example: 03 45 00 -4, 1.6-D). Column embeds as required will be similar to detail 8/S-441 and 14/S-402.
- 11. Please confirm that vertical rebar slab dowels are not required at non-bearing CMU walls per details (10/S-401) and (4/A-414)? NOT confirmed. See detail 4/S-502. Dowel bars to match vertical reinforcing. Also note the dowel bars shall be epoxy coated per the CMU Wall Reinforcement Schedule.
- 12. Drawing (A-301) calls for cable barriers in lieu of architectural precast panels at gridlines 8, 9 and 10. Structural drawings (S-202,203 and 204) show a 52" upturn beam in this area. Are there upturn beams in addition to cable barriers in this area? Please clarify? Axonometric views on S-005 describe locations of cable barriers at exterior. Where upturned beams or precast panels do not occur cable barriers are required. Cable barriers are required at the following exterior grid locations: A/4-5, A/12-13, B/1-2, 2/A-B, H/4-5, and H/12-13.

- 13. There are no section cuts through the floor beams to determine if a beam is tapered or rectangular except at gridline (12). Please clarify? All below slab beams may include a draft (taper) of up to 2" on each side, stirrups may still be installed similar to a rectangular beam as shown on 5/S-431
- 14. Please confirm that there are no pour delay strips required? Pour strips are not required. Verify post-tension cable supplier can accommodate N-S length. Contractor shall submit concrete placement schedule/order to structural engineer for review prior to construction.
- 15. Add Alt #8 shown on drawing (6/S-211) is not included on the Section 004323 "Alternates Form". Please confirm that it has been omitted? This is correct. The Alternate 8, Relocation of Picnic Shelter, has been omitted from the scope. The shelter is to be deconstructed and stored on site at a location determined by VA.
- 16. Alt. 6 at Elevator #2 is shown on the architectural drawings but not on the structural. Please confirm that the elevator pit foundation and walls are to be constructed in this phase and Alt.6 includes only work above level 1? Confirmed that all the pit and wall construction is to be done in this phase, and only the elevator itself and its corresponding equipment is to be a part of Alternate 6.
- 17. Section "03 30 00, 2.2, FF. Architectural Concrete states "For areas designated as architectural concrete on the contract documents". The only reference to architectural concrete in the documents applies to precast. Please confirm there is no cast in place architectural concrete noting ACI 303R has not been referenced? Yes. The precast architectural panels are the only architectural concrete specified on the project.
- 18. Section "03 30 00, 2.2, FF. Architectural Concrete refers to "the designated sample panel." Is this panel available to all bidders? This sample panel will be available to all bidders. It is located at the offices of CooverClark & Associates on 1936 Market Street in Denver, CO 80202.
- 19. Section "03 30 00, 2.2, FF. Architectural Concrete states the concrete must exactly match the sample panel. It is not possible to exactly match colors in cast-in-place concrete due to the nature if the natural products used. Please clarify? We understand this. The contractor shall submit a mock up panel prior to construction for approval by the architect/owner.
- 20. Detail (3/A-614) designates cast-in-place columns with reveals and integral color. No integral concrete coloring admixtures are specified. Please provide? This is described in the finish schedule specifications. Concrete color to be coordinated and matched with the architectural precast panels by the contractor, and the mock-up to be previously approved by the Architect/Owner.

- 21. Please clarify if detail (3/A-614) applies to all columns (including interior) or just perimeter columns exposed to view (i.e. not at columns concealed by precast covers)? Only perimeter columns exposed to view. Color per answer to question 22.
- 22. Drawing (A-301) identifies "White Concrete Column, Typ., Re: Struct." Please clarify if this applies to all columns (including interior) or just perimeter columns exposed to view (i.e. not at columns concealed by precast covers or metal mesh screening)? All perimeter columns on gridlines 1 and 13, A and H should be integral color white, with exception of columns listed in question 123. All other perimeter columns, including on upper floors, will be integral color white. All interior columns will be painted white.
- 23. Please provide specifications for materials, cement and sand (etc.) types for White Concrete? Same as question 20. Contractor to submit specifications for materials, cement and sand, etc. for approval by the Architect/Owner prior to construction.
- 24. Section "03 30 00, 2.1 FORMS:, A." calls for tongue and grooved wood. Please confirm that there is no tongue and grooved finish required on this job? No tongue and groove wood panels required.
- 25. Section "03 30 00, 3.13, Concrete Finishes: 3." Please confirm that no grout finish will be required? Not required
- 26. Section "03 30 00, 3.13, Concrete Finishes: 4." Please confirm that no texture finish will be required? Not required
- 27. Section "03 30 00, 3.14, Surface Treatments: A." calls for a non-slip abrasive aggregate application to steps, stairs, exterior ramps and platforms. Does this include the ramp in the parking structure? Please provide more specific locations where this application will be used? This does not apply to the main vehicle ramps within the parking structure. All the parking areas including the ramps shall have a rough broom finish.
- 28. Is there a specification on the car chargers? Quantity 4 No there is not. All of the specifications come from the government construction library and there is not a government spec for car chargers. What the project is designed for is a Level II, wall mounted, dual (will charge 2 vehicles at the same time) charging, single phase 208 volt, 6.5-7.2kw or less each, with the standard J1772 connector.
- 29. Alternate to provide deduct pricing for deleting the 4th level; are they wanting electrical that is on the 4th floor eliminated? Meaning no parking on the roof, no pole lights etc... or are the pole lights on the roof (4th level) needed and we need to actually provide deduct for lighting and electrical on the 3rd level? It actually means that the fourth floor deck is not to be built and that all the elements specified in the Alternate #7 are to be moved to the 3rd floor level.

(Elevator shafts and towers are to be built to the full height as described in the Alternate spec section 01 00 00).

- 30. Is PVC (schedule 40) acceptable to be installed in the slabs (concealed raceway)? 3/4" maximum. For lighting, outlets, systems (low volt wiring) etc.. Yes ¾ minimum will be allowed under the slab, no PVC or other raceway is to be installed in the slab. Conduits that feed to loads on other floors may pass through to other levels, but in columns or some other building member that is not subject to be damaged if someone work on the floors in the future.
- 31. Is a Termination cabinet an above ground sectionalizing cabinet or switchgear? It is a termination cabinet, there is no switching mechanism, just termination blocks. It is a 15kv rated, outdoor enclosure with 200 amp dead break connector blocks attached but electrically isolated from the enclosure. There will be termination connection points (each point or connection block accepts typically 2-4 200 amp or higher rated deadbreak elbows) in the enclosure for each phase of an incoming feeder with points for other conductors to connect to and go to other loads. There is one on site for review if the VA will agree to a walk through. If not see detail on sheets E-101 & E-701.
- 32. Drawing e-701 #3 shows A feeds to B and B feeds to A. Is that correct? No that is a typo, termination cabinet A should be labeled B, and termination cabinet B should be labeled A.
- 33. Drawing e-701 #3 shows T6 transformer is that 1000kva as mentioned in narrative? Yes.
- 34. Drawing e-701 Where are termination cabinets, T6 and 300kva transformers located on drawing? Termination cabinets A & B are new-see note 1 under MV notes on sheet E-701. The 300kva and 1000kva transformers are located in an enclosure to the north and slightly to the east of MH-6, 80-100 feet away. Area of construction is indicated by dashed lines on sheet E-701.
- 35. Does the VA have a Support Contractor designated? How the services obtained and what is the cost and procedures to obtain this support?
 - All support contracts including but not limited to quality assurance and testing shall be addressed by the VA following construction award.
- 36. In Solicitation No. VA259-14-R-1018 page 3, Pricing Schedule * Note calls out "Factor 4" on pages 11-12. Is Factor 5 the correct factor?
 - Correct factor 5 deals with pricing.
- 37. On page 8 of Solicitation, Information Regarding Billing Material, Bid Guarantee and Bonds, it states "(b) All specifications and drawings will be made available online for access, and may be

obtained by Builders Exchanges, Chambers of Commerce, Quantity Surveyors, trade and microfilming organizations." When will this be available?

These are already available on FBO – posted when the solicitation was first posted.

38. Do all Subcontractors and Vendors have to be registered with FBO, SAM & D.U.N.?

Yes, must have a valid DUN's and be registered in SAM (previously CCR).

39. Is there a recommended manufacturer for the Car Charging Systems?

VA guidelines do not allow specifying a manufacturer, however the basis of design chargers were, evr-green Dual Port Level 2 by Leviton.

- 40. Is there a recommended manufacturer for the Gate System? There is not a recommended gate system manufacturer. The sensor for the ambulance is specific and called out in the specs. Gate system is not part of electrical, only power, security, & communications that go to gate from the garage are part of the electrical
- 41. With VE for 4th floor does this mean the 3rd floor layout changes to 4th floor layout for lighting? Yes 3rd floor becomes 4th floor as designed and everything electrical shown on the 3rd floor is deleted.
- 42. Does Option, 0008 Deduct the 4th floor make the entire 4th floor layout then the 3rd floor layout? It is actually Alternate #7 and yes, that means that the 4th floor layout would then become the 3rd floor layout. (Except for the elevator and stair towers as specified in the Spec section 01 00 00.)
- 43. Are any permits e.g. electrical, plumbing, building required?

Contractor is responsible for any and all permits or authorizations for alterations to U.S. High way 6 (Colorado Department of Transportation/City of Grand Junction). No other permits are anticipated.

44. Is the required Pricing Schedule the same as Certified Cost or Pricing Data?

No – certified cost and pricing data is not relevant unless requested by the contracting officer.

45. Are there any exceptions to submission Pricing Schedule or Certified Cost or Pricing Data pursuant to FAR 52.215.20, Alt. IV?

Pricing is addressed in Factor 5 of section "2.0 Evaluation of Offers," and instructions are give as to what's required in the proposal.

46. Cutoff for submission of RFIs was set for 5:00 pm MST Jan 8. At the site visit the VA representative mentioned that the cutoff might be extended. Please clarify?

Any extensions to deadlines will be posted to FBO as an amendment.

47. There appears to be a future project that will be solicited and potentially constructed while the Parking Garage project is being accomplished. Please confirm that western edge of the construction limits for this project will be a minimum of 75' in order to accommodate the needs of the project?

Drawing C-110: This contract shall include all area of "Proposed Detention" and Phase I roadways. Drawing C-110 delineates the extent of this contract.

48. CLINs 0002-0008 are listed under Deductive Alternates. Please confirm our interpretation of the Bid Schedule that CLIN 0004 may be a Net Add/Deduct and CLINs 0006 and 0007 are both Additive Alternates.

CLIN's 0006 – 0007 are also deductive alternates. Pricing schedule will be revised to more accurately reflect that.

49. X-Ref RFI-4 above; the deductive alternates listed are items that are to be included in the Base Bid and deducted if needed. Please confirm that all work associated with CLINs 0006 and 0007 are not included in the Base Bid.

The base bid refers only to CLIN 0001, all the rest are deductive alternates – see question 48 above.

50. As written this factor of the tech proposal appears to require a complete listing of all subcontractors and suppliers which may not be finalized until just before bid time. Is it possible to only list primary /key subs/suppliers at bid time and to submit a detailed listing within 48 hours?

No – all information requested in evaluation factors must be provided when the proposal is due.

51. Regarding the listing of subcontractors; is the Prime required to list only key subs or their subtiers if any as well?

All subcontracts that will be used must be listed.

- 52. As Factor 5.1 indicates, typically detailed cost / pricing data is only necessary if there is an absence of adequate price competition. There appears to be a significant amount of interest in this project by well qualified bidders. Can the itemized cost proposal required by Factor 5.2 be provided by offerors upon request or within 48 hours of the bid date?
 - All pricing information requested in the solicitation must be submitted by the proposal due date. A cost realism analysis is only conducted at the discretion of the contracting officer.
- 53. The Spec Section for Alternates appears to duplicate the Section B Bid Schedule but states at 1.2A that it must also be completed and submitted at bid time. Please clarify if this is necessary.
 - "Section 004323" is not necessary, and will be deleted.
- 54. Drawing L-102 Note 7 Regarding the Contractors responsibility to design-build the irrigation system, please define if it is acceptable to tie into the existing irrigation system detailed as an owner option in this note. Please also confirm the system has to cover all planting and seeded lawn areas to the construction limits shown on L101? VA will determine the control location. Irrigation shall cover all planting and seeded lawn areas as defined in the documents. Construction limits are only indicated for the convenience of the contractor, and should limits be extended for contractor convenience or use, repaired areas must also be covered to properly establish the plant material. L-101 does not necessarily indicate all areas of construction, as there is scope outside of the sheet's view, which fall into this irrigation requirement.
- 55. Drawing L101 This drawing does not cover the Phase 1 work area; please define the landscaping expectations for Phase 1. *C-130 indicates phase 1. All landscape areas affected by construction activities must be re-seeded and properly irrigated to meet project requirements.*
- 56. Drawing S-211 Detail 1 Regarding the existing duct bank drawn as touching the new foundation for Shear wall 1, does this duct bank contain communication services that may affect the hospital life safety systems? The duct bank and structural foundation must be maintained separate. Per structural detail 3/S-403 the new foundation shall not conflict with the existing duct bank. Field verification is required to ensure this duct bank remains unharmed.
- 57. Drawing S-002 The contractor is to estimate the pile tip elevation at 4568'. How will a variation from this elevation as a result of the testing program be handled? Section 31 62 00, Driven Piles, Part 1.3.A.2 states the contractor must submit unit prices for "Additional Pile Length", "Omitted Pile Length", "Additional Pile Load Test".
- 58. Can one lane of road to the east of the new parking structure be used for construction ground level access to the eastern façade? (the remaining lane would remain unobstructed at all times to continue ambulance access).

A portion of the east roadway MAY be utilized for construction access, however, the area shall NOT be utilized for storage or laydown purposes.

- 59. Drawing C-100/110 The existing tree just north of the new parking structure is shown to remain but will create considerable construction equipment access issues around the north side of the new structure. Can this tree be added to the demo plan and mitigated with a new planting elsewhere? If you are referring to the pine tree, it is doable, but the landscape subcontractor will need to give us a count and type for replacement.
- 60. The listed construction performance period will require pile driving to start as soon as the test pile reactions are analyzed and final pile lengths determined. Concurrently the contractor is responsible to hire design engineers to provide lateral and gravity connection details for the precast elements of the building. Please confirm the existing sizing of the foundations, pile caps and the pile layout scheme includes conservative precast load assumptions to allow the pile driving to commence ahead of the final precast submittal approval. Reasonable weights for precast architectural panels and precast architectural columns have been included in the design of the main structural system, including pile cap and pile design. At time of award the assumed weights for these elements may be provided to the contractor for precast supplier validation.
- 61. Bid Alternate # 2 Please clarify if this alternate only affects the planting areas shown on L102 Detail 9. Please confirm the hardscape elements and aluminum trellis are to remain (are only the planting materials are deleted?). No. The alternate includes all the hardscape elements between the garage and the main building including the furniture and trellis.
- 62. Bid Alternate #4 Please provide the limits of the glazed block reduction requested. Interior CMU walls of both stair towers, exterior sides of elevator shafts, where indicated, all floors, exterior side of storage and utility spaces under the ramp on first level.
- 63. Drawing S211 Please indicated if 'Bid Alternate #8' should be priced in the base bid or as an add alternate.
 - Alternate No. 8 is a deduct, therefore, it is to be considered as integral to the base bid.
- 64. Please confirm the area listed as Bid Alternate #5 can be used for construction laydown prior to completion as a retention area.
 - No response as Alternate No. 5 concerns glazed block and stair towers.
- 65. The current design does not include a fire sprinkler system or dry standpipe for fire suppression. The code notes on A-001 indicate the structure is relying on hand held fire extinguishers for fire suppression. We could not find where the FEC designation has been used in the design documents. Please define the quantity, location and details of the FEC's to be

- installed on the project. Count on providing 6 column/wall mounted fire extinguishers per floor, to be mounted at locations to be determined during construction by the design team.
- 66. The exposed concrete columns at levels two-four are shown to be 'white'. Is this color achieved through the concrete mix design or an applied concrete stain? *Integral color*
- 67. The exposed columns at level one are shown to have an integral brown color with reveals on A-301 whereas A614 detail 3 mentions stucco. Please advise if the columns are to have a stucco finish. Design intent was that brown concrete columns (at 1st level) are an integral color (full height) to match the 1st level brown of the Hospital building. This will be a custom color mix.
- 68. Drawing A202 Due to limited crane access around the building, please confirm that all spandrel precast panels can have a construction joint at midspan similar to detail shown at column line H7 and A11 (as opposed to C13). The design intent is that each of the precast panels spans across the mid-bay column (no panel joint
- 69. **Section 01 00 00, Paragraph 1.1, Item G (1)**: It was mentioned at site visit on 1/7/14 that only Superintendents were required to have OSHA 30 hour training-please confirm that *all* employees of Contractor and Subcontractors must have OSHA 30 hour training as stated in the referenced section.
 - Supervisors and competent persons shall have 30 hour OSHA certification; all other contractor personnel shall be 10 hour OSHA certified.
- 70. **TB testing:** Stephanie with VA Infection Control stated in site visit on 1/7/14 that all persons on station are required to provide proof of negative TB test. Please provide location of this requirement in clauses/specs and if not included will this be added in an amendment?
 - TB testing of personnel will not be required for this contract.
- 71. **Drawing E-701**: Please provide more detail, drawings and/or other, regarding the conduit layout in Manhole 6 Manhole 6 and the cables that pass through it are indicated as to the existing layout and the desired future layout in the single line details, details 2/E-701, 3/E-701 (these show the vaults too if you look closely), and man hole vault details 1/E-702, and 2/E-702. The vault details indicate the conductors passing through the man hole from the perspective of if you were standing on the floor of the vault facing north. The only new conduits are the conduits that go from MH-6 to the new 2.5 MW transformer.
- 72. **Drawing E-701:** Please provide additional detail, drawings and/or other, regarding the size of conductors in the existing 1000kVA transformer and the existing 300 kVA transformer as it is critical to know the size of the existing conduits The existing VA drawings indicated all MV conductors are 2/0 XP. In our field investigations the conductors are actually 1/0

- 73. Are there any other existing utilities, i.e. steam lines, chiller lines etc., between Manhole 6 and new Manhole 7 as they are not shown on drawings provided? All known existing utilities are shown on C100. Contractor to field verify.
- 74. **Drawing E-100 note #7**: This sheet shows removal of the electrical panel-does this need to be reconnected elsewhere as it feeds power to the heated enclosure for the water main from North Ave? Reconnect the hot box circuit to the electrical panel indicated on the same sheet, plan south of note 6. Provide conduit and conductors as to keep the voltage drop to 3% or less
- 75. With regard to the past performance requirement in the technical portion of this solicitation, will only the past performance of the SDVOSB company be accepted or will the past performance of any teaming partner involved with the SDVOSB company be accepted?

Past performance will be looked at collectively, and evaluated in its entirety during the evaluation factors. "Factor 4, Past Performance" in the solicitation does not prohibit the past performance of subcontractors.

- 76. Is it correct that only official "Mentor Protégé" agreements certified by CVE prior to the bid date will be acceptable to meet the requirements of this proposal if the prime SDVOSB Company cannot qualify on their own merits?
 - All firms submitting a proposal must be registered under SAM, and have a DUN's number. The firm must be certified as a SDVOSB by the VA's CVE, as indicated in the solicitation. Joint ventures must also be CVE SDVOSB certified.
- 77. The contract documents state that self-performance percentage is 15%. This is intended to be completed by the awarded SDVOSB General Contractor?
 - This must be completed by the firm that the contract is awarded to.
- 78. If an SDVOSB Contractor with an official Mentor Protégé in place will the self-performance of the Mentor or the SDVOSB Contractor be acceptable to meet this 15% requirement?
 - See question 77 above the firm that's awarded this contract must complete it.
- 79. On page 01 00 00 1.1.G.2 states that "All employees of general contractor or subcontractors shall have the 30-hour OSHA..." The standard for the VA generally is OSHA 30 for supervisors of the general contractor or subcontractors and OSHA 10 hour training for all other employees on the site. What is required in regards to OSHA certificates for this project?

 See question No. 69.
- 80. During the pre-proposal site visit one of the VA Representatives indicated that TB testing will be required for all personnel on this project. We do not see this in the specifications. Will this be added by amendment with direction of what exactly is required and by whom?

See questions No. 70

- 81. What is the minimum amount, in pounds, of silica fume required in the post tensioned concrete? No silica fume is required, but allowed at contractor option.
- 82. Per sheet A-301 the upper level columns are shown to have white cement. Is this correct and if so what about the use of Flyash to mitigate ASR or will Lithium be required? See response to #66. Exterior columns (as mentioned), are intended to be a custom integrally colored "white," with the exception of the first level brown columns. This color is to match the "white" selected as the precast decorative panel color. Aggregates that cause Alkali-Silica Reaction shall not be used. If non-ASR aggregate material is not available then proven methods to mitigate the reaction, such as fly ash or lithium, may be utilized at contractor's option.
- 83. Lower level columns require a brown color. Could you specify the Color and will a Davis Color equivalent be acceptable? *Color is defined to match the "brown" at the first level of the Hospital building. It is intended to be custom integral concrete color (see question #67). Final color approval will be determined by the architect during the sample review process.*
- 84. What is the required amount of corrosion inhibitor required in the structural post tensioned concrete? 3.0 gallons/cubic yard.
- 85. Section 01 45 29-1, Part 1.1 states:

"This section specifies materials testing activities and inspection services required during project construction to be provided by a Testing Laboratory retained by Department of Veterans." And Section 01 45 29, pg.4 Part 1.3 A list the accreditation requirements of construction materials testing laboratories.

Will the VA be retaining a Testing Laboratory? Any contract will be post construction award And if so, are the accreditations required for both the Contractor and VA retained Testing Laboratories? YES

If the selected Contractor subcontracts a Testing Laboratory that meets the accreditation requirements of Section 01 45 29, Part 1.3, could the accredited Testing Laboratory be responsible for *all* associated required testing and inspections? NO

- 86. Section 31 62 00 Part 3.6 list field quality control of pipe piles; just would like to verify that Contractor is responsible for:
 - High-strain dynamic monitoring (PDA) will be required on **12%** of single piles. Low-strain integrity (Sonic-Echo) shall be performed for *each* pile. Verified.
- 87. It isn't clear in the spec's if there is galvanizing required for the precast on the project. If galvanizing is required is it to be all embedded reinforcement or just plate embeds for connections only. Embeds including welded studs/reinforcing and connector plates shall be galvanized.

- 88. The spec also leaves open the question regarding stainless steel. Does this project require stainless steel in the precast? Stainless steel connections/embeds are not required unless otherwise noted. Architectural details include stainless steel components that are integral to precast members provide as noted.
- 89. Is there a specific manufacturer that we would be required to acquire the mesa pattern formliner from? *the mesa pattern is not a formliner. It is required to be a custom made form.*
- 90. The construction documents drawing number C-110, Note 25 and S-211 detail 6/S-211 indicates an Alternate #8 that is not described on the either bid form. Is there an Alternate 8 concerning the Relocated Picnic Shelter? Detail 6/S-211 is NOT and alternate and SHALL be included in the base cost proposal. Reengineering of the structure is not required as there will be no structural modifications made during the relocation. The point of relocation on site for a new SOG and the existing picnic shelter shall be as determined by the COR.
- 91. It appears that Specification Section 004323 Alternate Form is intended to be submitted with our proposal however, the Solicitation includes a Form 1442 to be submitted with our proposal which includes a Pricing Schedule identifying CLINS 0001 through 0008. Which form should we submit?

See guestion 53.

- 92. The construction documents drawing number S-211 detail 6/S-211 indicates an Alternate #8 Relocation of Picnic Shelter and Note #2 states "All Engineering for relocating, shelter disassembly, re-assembly, and connections design shall be the responsibility of the general contractor". These calculations can only be performed by the building manufacturer. The only option to perform this work would be to provide a new picnic shelter, which obviously is very expensive. Will the prime contractor be disqualified if they are unable to perform this Alternate? See quesiton No. 90
- 93. The construction documents drawing number C-110, Note #27, indicates light poles that are to be relocated. However these light poles are not indicated on the Electrical drawings. Will you reissue the Site Electrical plan adding these relocated light poles? On C-100 Note #3 says to remove and relocate light pole. C-110 shows the new location.
- 94. The Solicitation, page 70 of 72 under "Other Government Furnished Information" Note #6 states "Construction Stormwater Management Plan". We do not appear to have been copied with this document. Will you provide a copy of the Construction Stormwater Management Plan?
 - Sheets C-130 and C-150 show Erosion Control Plans during construction.
- 95. Detail 1/S-211 includes a dotted line along Column Line .01 from Column Line G to Column Line H+. It has no designation as a GB-2, but appears to be the same. Will you clarify what that dotted line implies? See detail cut at this location (3/S-403). The dashed member is a grade beam size and reinforcing is defined in the section.

- 96. Detail 1/S-211 includes what looks like a wall, along Column Line .01 from Column Line G to Column Line H+, adjacent to SW1 and returning to the elevator pit. Will you identify what is implied? See 2/S-211 for additional details that define the below grade "curb" wall (7/S-403, 13/S-402, 8/S-403).
- 97. Additionally, there are no details of the east wall of the elevator pit? Would you provide details? See 2/S-211, 8/S-403
- 98. Will all proposals be delivered to Glendale Colorado or will you accept proposals at the hospital in Grand Junction?
 - Block 8 of the SF1442 gives the address to send offers to.
- 99. Note K on sheet A-001 states that "Portable Fire Extinguishers will be provided throughout the garages as required by IFC section 906.1 and spaced in accordance with NFPA 10, 2010 sedition". There are no Fire Extinguishers indicated on the drawings and no Specification for Fire Extinguishers. Will you provide a specification and layout of the Fire Extinguishers and subsequent cabinets so that we can accurately price and include in our offer? For now include 6 wall/column mounted fire extinguishers per floor to be distributed at the time of construction at locations that will be provided.
- 100. Detail 1/S-210 indicates a wall on GB1 along Column Line 0.5A from Column Line 6.8 to Column Line 8.5 +/-. Will you provide details of that wall? See 2/S-210 and associated cut details (8/S-403, 13/S-402, 7/S-403).
- 101. Detail 5/S-402 indicates an exterior concrete slab at both entrances into the garage per the Civil Drawings. The Civil Drawings indicate the material to be Asphalt Paving. Will you provide the correct detail at these two locations? Entry ramp is per civil drawings. Provide grade beam, thickened slab, and ledge for pavement as shown.
- 102. Details 13/S-401 and 17/S-401 indicate "Typical" pipe bollard details at the Slab-On-Grade. Which is correct? 13/S-401 may be used where no adjoining slab on grade is present. This detail may also be employed at slab on grade locations at contractor's option. 17/S-401 is intended for slab on grade applications only.
- 103. Details 13/S-401 and 17/S-401 indicate "Typical" pipe bollard details with an 8 inch diameter pipe bollard but the plan view all indicate 4 inch Diameter. Which is correct? Both details indicate a PIPE4STD. An 8" radius is required to finish infill concrete at the top.
- 104. There appears to be precast bumpers required on the drawing but, they are not specifically indicated. Will you provide a Specification for the precast bumpers indicated on A-101? Standard 72"L x 6"W x 3"H concrete bumpers should be priced.
- 105. Please provide a Specification indicating what is required for the "TEXTURED WALKWAY AT PATH" indicated on drawing A-101? Rough broom finish.

- 106. Note on A-301 at column on Column Line 7 indicates "white concrete column, TYP., RE: Structural", inferring that these columns integral color. However there is no note indicating integral color on the structural drawings and the documents indicate the structure of the parking structure is to be painted. Which is correct? **See #82.**
- 107. Please provide more information regarding the "Memorial Stone" so that we can adequately price fasteners. *Contractors need to visit the site and observe the stone to determine existing material conditions.*
- 108. Please confirm that the Traffic Bearing Membrane indicated on S-202 only occurs over rooms 103 thru 106. Traffic bearing membrane shall be installed as shown for the full width of the ramp from grid 4 to grid 8 at the expansion joint.
- 109. Please refer to drawing A-101. What are the 4 squares in the exterior wall between Column line D & E? They are 8"x8" 42" high square steel bollards.
- 110. Drawing C-140, Utility Plan, indicates a new storm drain coming from the southeast corner of Lobby #2 and running southwest to the new 45 lft of 12" rcp. Please provide length of that run and size and type of pipe. Provide a bid for 8" HDPE.
- 111. Will you provide a better description of what storm water piping is to be included in Option #5? It appears that all storm piping on the west side of the building is useless without the Detention Pond. The detention pond will be constructed with this project. Alternate 5 was provided in the event the PMRS building was constructed first, they would have built the detention pond.
- 112. Will you provide a narrative of how the storm water system is supposed to drain if Option 5 is rejected? Same as 111.
- 113. Drawing C-140, Note 5 indicates a 8" water line. However, flagged Note 5 just North of Bldg 33 has nothing to do with water, but appears to involve Underground Electric. What is the intent of note 5 north of Bldg 33? That is a telephone manhole and the note should be #10 to adjust the existing casting to the proposed grade.
- 114. Detail 15/C-501, Type 3 utility trench indicates that all existing asphalt paving is placed on 6" to 14" of concrete. Is this correct? This is a standard VA detail and should be interpreted and coordinated depending on the location and paving surface at the specific location.
- 115. Details 16 & 17 on C501 indicates the requirement of aggregate base course under Concrete Pavement and Equipment Pads. Nothing indicates this aggregate base course under the sidewalks. Is aggregate base required under sidewalks? No it is not. But do conform with the recommendations of base soil preparation per Geotechnical Report section 4.9.2 Pavement Design Considerations; p. 16-19.
- 116. Sign foundations are indicated in two locations, detail 10/C500 and detals 1-6 on L-102. The Schedule on W-652 indicates signs specifically on the L-102 for signs 1 thru 6. Are we

to assume that the foundations for all other signs are per detail 10/C500 unless indicated differently on L-102? If not, please clarify. This is correct.

- 117. Drawing A-104 seems to indicate that perimeter columns along column lines 1, 13, A and H are to receive the aluminum column caps detailed on 12/A-614. There is no indication the caps are required on the columns surrounding the ramp. Is this Correct? This is correct.
- 118. The structural drawings indicate 4" void form under the grade beams, but typically we would expect void form under the pier caps, under the elevator pit slabs and any other structural concrete on grade such as the turn down stoops in detail. Will void form be used only under grade beams? Thickened slabs require a minimum of 12" of granular fill below. Pile cap and mat uplift is resisted by piles that have significant capacity so void forms are only required at grade beams.
- 119. Drawing A-811, Door Schedule does not indicate material type for Doors 401A and 402A. What are these doors to be constructed of? Aluminum storefront.
- 120. Please confirm that the only Ceramic Tile occurs in the Elevator. Confirmed.
- 121. What is the floor finish in Lobby 1 and 2? Sealed concrete.
- 122. What is the stair tread finish? Design intent is concrete tread. Abrasive non-slippery finish. ANSI requirements must be met.
- 123. Section 09.06.00 Schedule of Finishes and 1/A302 indicates that first floor cast in place columns include a dark brown integral color. However other details indicate the integral color to be white and that the precast column covers should be dark brown. Which is correct? *Columns A-3, A-5, A-9, A-11, C-1, C-13, F-1, F-13, H-3, H-5, H-7, H-9, H-11, are all integral brown color at the first level.*
- 124. Detail 3/A-301, Note at column line 7 indicates that concrete columns are White per the structural plan. The structural plan does not indicate color in the columns and other specifications indicate they are painted. What is correct? *Design intent is that these are integral color concrete. See #123.*
- or one reporting period, except as to non-construction activities/events (i.e......) and any other ... for which the COTR may approve a longer duration. The duration for VA approval of any required submittal,..... will not be less than 20 work days. This section appears to conflict with 1.5.F. estimating activities at only 100. If there is only 1 "event" for each division (21 listed for this project), this section calls for activities for submittal-approval-procurement-testing-construction-and inspection of each event (6 activities), then at a minimum, I'll have 126 activities (21 x 6). There are also 111 spec sections in the TOC, so a conservative estimate for schedule activities would be closer to 300. Was the approximation of the number of activities/events in 1.5.F just an example, or does the VA want us to restrict the number of

activities to 100 (+ /- ? %)? If so, may we have approval to schedule durations longer than 20 work days?

The contract will NOT limit the number of required scheduled activities/events.

126. Following approval of the CPM schedule, Shall meet to discuss the monthly updated schedule...

This schedule coordination meeting will occur after each monthly project schedule update meeting.....Just to clarify, there are two meetings per month required concerning scheduling, one to discuss progress and schedule changes, the "project schedule update meeting", then, after the changes and updates are approved, another to discuss a remediation plan to bring progress back to the approved timeline, the "schedule coordination meeting". Is this correct?

Correct

- 127. Section 03.45.00 page 15, paragraphs 2.14 and .015 indicate precast to be insulated and brick faced. This is not consistant with the drawings. Which is correct? Insulated panels are not required.
- 128. The plans call out Brown color pigment for Columns and some exterior site work. Which shade of Brown color pigment will be used? *Reference previous responses for brown columns.*Site concrete color to be selected by architect from manufacturer's full and complete line of standard and premium colors.
- 129. Specifications show Lightweight concrete but nothing shows it on the plans. Is there lightweight concrete on this project? Lightweight concrete is not included in project
- 130. Plans show White concrete page 76 precast section. Is the White Concrete mix part of the precast product and not a Ready-Mix product being produced by the Ready-Mix supplier?

 Architect does not determine separation of work between subcontractors
- 131. Section 31 62 00, Driven Piles, Part 1.3.A.2 states the contractor must submit unit prices for "Additional Pile Length", "Omitted Pile Length", "Additional Pile Load Test", and "Omitted Pile Load Test". In an effort to maintain balanced bids for the driven piles, could the owner please establish a base quantity amount to the item of driven piles and pile load tests? Per sheet S-002, the contractor should use the tip of the pile elevation of 4568' for base quantity estimate.
- 132. Section 31 62 00 Driven Piles, Part 3.3 Static load tests suggests that this project will require such tests. Section 31 62 00, Driven Piles-Part 3.3E.1 indicates two single piles is the number of required test piles. Will this be the base quantity for test piles? If so, please verify the contractor must add the unit cost for additional test piles or omitted test piles as stated in the previous question? Verified. Contractor to provide unit cost for additional/omitted test piles.

- 133. IN regards to question 1, I have requested a base quantity for the driven pile lengths and pile load tests. I have completed some take offs for the project. Please verify that the total length of driven piles per the plans is +/- 18,720 LF consisting of 408 piles ranging in length from 44.25' to 47'. Confirmation of quantities is a contractor requirement.
- 134. Can you please make the Geotechnical report for this project available for viewing? It is included in the Vol 1 of the specifications. Section 00 31 32.
- 135. Please clarify the amount of fiber mesh required for the slab on grade. Per general notes (S-002) 1.5 lbs/cubic yard of fiber reinforcement is required.
- 136. Please provide the gallons per cubic yard needed for corrosion inhibitor in the post tensioned decks. See response to 84.
- 137. Can native soils be used for backfill Fill material is subject to geotechnical engineer approval, see geotechnical report.
- 138. Detail 6 on S-211 references an alternate #8 Picnic shelter SOG plan. However this item is not included in any list of alternates. Please clarify. See line No. 90
- 139. Is builder risk insurance required?

See section 4.6 of the solicitation – FAR 52.228-5 Insurance (p. 37).

140. Is tax exemption on materials a requirement of this project?

No - this is not stated in the solicitation

141. In section 01 45 29, Part 1 – General, 1.1 Description. It states that material testing and inspection services are to be provided by a testing laboratory retained by the Department of Veterans. However, in other areas of the contract documents such as S-003, it states that the contractor shall employ an independent testing agency. Please clarify.

See line No. 85.

142. The Davis Bacon Wage Determination GDN: CO130007 10/04/2013 CO 7 Does not include a wage determination for Roofers, or does it include a directive to use a different classification. Please clarify the wage determination for Roofers?

This group can be classified as "laborers."

143. Can a PDA test be used in lieu of a static load test on piling? Not allowed.

144. Are there any time restrictions for pile driving activities?

The location of this contract is on the ground of a medical care facility. Pile driving activities are expected to be executed between 0800 to 1800, seven (7) days a week. A schedule for the activity shall be submitted to and approved by the Medical Center, however, the activity may be interrupted if the VA mission for direct patient care is affected by pile driving.

- 145. Are the imbed plates for the precast concrete to be galvanized or have any special finishes? See response to 87.
- 146. Based on previous experience digging on the site, there are thoughts that the 1 foot of granular fill under the SOG will not be sufficient for soil stabilization. In the soils report, section 4.1 Geotechnical Considerations states that it is recommended that the construction documents provide a budget contingency for stabilizing soft subgrade. Please clarify if a budget contingency should be provided

NO

- 147. Would Pile Driving Analysis (PDA) Testing be acceptable in lieu of the Static Pile Test requirements in the Pile Load Test program? Not allowed.
- 148. Has a specific diameter and wall thickness of steel pipe been determined for the pile materials? New or used? Mill Certs? See schedule on S-405. See steel specification and structural general notes for allowable materials.
- 149. Plan sheets indicate the requirement of Corrosion Inhibiting Admixture. What dosage rate is required? See response to 84.
- 150. Plan sheets indicate the requirement of Micro Silica Fume. What dosage rate is required? See response to 81.
- 151. Specifications call for Type I or II cement, plan sheets call for Type I. Will Type II-V be allowed? Geotechnical recommendations and structural general notes call for use of Type II sulfate resistant cement for concrete exposed to soil (foundations, retaining walls, and 1st floor columns).
- 152. Specifications indicate that high sulfate soils will limit w/cm ratio to 0.44. Plans sheets have mixes stated above that. Are we to provide as specified on plan sheets? Are High sulfate soils anticipated for the project? Moderate sulfate soils are expected as indicated in the

geotechnical report (section 4.10, page 19). W/C ratios as shown in the structural general notes are acceptable.

153. The plans indicate a 10 KIP lateral load requirement for the piles. Some of the concrete pile caps indicate a lateral designation such as PC5LAT. Is there a particular lateral load and/or direction that must be accounted for and does this load only apply to the designated LAT concrete cap locations? All piles shall be designed with 10kips of lateral capacity in two principal directions. If alternate systems are proposed or if battered piles are utilized the combined lateral capacity of shown piles must be maintained. Please also note that pile caps noted LAT differ from the typical pile caps in that they have additional reinforcing.

154. Types EX1-EX19, ST1 – ST6

Any plans showing construction details of existing P&P signs? If not:

Panel thicknesses? Bidding contractors are required to visit site and make themselves familiar with all existing conditions. VA requested that existing signs be matched.

- a. Are faces mounted to a cabinet/frame? Details of cabinet/frame? **Contractor required** to field verify prior to bidding.
- b. How is cabinet/frame attached to posts? *Contractor required to field verify prior to bidding.*
- c. Is all copy vinyl? *Contractor required to field verify prior to bidding.*
- d. What is Terra Cotta Extrusion? Details? *Contractor required to field verify prior to bidding.*

Sizes for each EX type sign panel? Contractor required to field verify prior to bidding

155. Types A,B

Aluminum panel thickness? .080"

Mounting post length? 6'-6" AFF to top of post. Top of post shall be flush with top of sign panel. Bottom of sign shall be no less than 60" AFF, and shall meet all ANSI standard requirements for stall signage.

Is slotted post acceptable (for ease of field mounting)? **Question is too vague to answer, design intent and document requirements must be met.**

Are fasteners to attach sign to mounting post allowed to be visible? *Concealed fastening methods shall be used*

156. Types E,L,U

Aluminum panel thickness? .080"

Mounting support length? Dependent on final location. Bottom of sign dimension provided. Contractor is responsible to determine required post lengths based on structural and architectural information provided in the documents.

Are closed ends on mounting supports required as shown? (drilling holes for mounting bolts will defeat purpose of sealing ends, and posts are aluminum and naturally corrosion resistant). Are fasteners to attach sign to mounting post allowed to be visible? *Closed ends are required as shown. Concealed fasteners.*

What is required at upper end for attachment to cast-in-place connectors? *Provide a 6"x6"* aluminum plate with a 6" long aluminum tube sleeve, (continuously welded to center of plate). Sleeve shall be just larger than the support post, so the post can be inserted into the sleeve. Post and sleeve shall be through-bolted with appropriate hardware. Finish of all materials and hardware shall match the finish color of the sign posts. Plate shall be bolted to the underside of the slab. Contractor shall xray the structure prior to any attachment.

4" posts are shown on W-104 for several locations. Will these be by Boyd? Scope is in contract. Architect does not determine separation of scope between subcontractors.

a. If so, how will they attach to columns? Post shall be continuously welded to 8"x8" aluminum plate. Plate shall be mounted to the top of the column extensions (centered on column).

Length of posts? Bottom of sign dimension provided. Contractor is responsible to determine required post lengths based on structural and architectural information provided in the documents

157. Type Q

Threaded rod by Boyd or others? *Scope is in contract. Architect does not determine separation of scope between subcontractors.*

a. If by Boyd, rod length and diameter. Bottom of sign dimension provided. Contractor is responsible to determine required post lengths based on structural and architectural information provided in the documents. Rod diameter to be 3/8".

Hinged connections by Boyd or others? *Scope is in contract. Architect does not determine separation of scope between subcontractors.*

b. If by Boyd, preference of any particular style? Connection shall be adequate to support the weight of the sign, as well as any outside forces applied to the sign (wind, human, hit by tall vehicle, etc.) Joint and connection shall be low-profile, shall allow the sign to swing if hit, and shall be finished to match the galvanized rod.

If by Boyd, will cast-in-place connectors be provided by others? Scope is in contract. Architect does not determine separation of scope between subcontractors. Attachment will be mechanically fastened to the structure. Contractor shall xray the structure prior to any attachment

158. Types F, G, H

Aluminum panel thickness? .080"

Listed as 30" x 30" on Fabrication Spreadsheet, but Signage Schedule on W-652 lists different sizes for each. Which should be used? We are not aware of any fabrication spreadsheets and warn against contractors pricing anything based on documents not included in the bid documents. Dimensions are indicated on W-652.

If going with sizes as shown on W-652, quantity of each size? *Locations and quantities are indicated on the signage plans within the contract documents*

159. Types J1, J2

Square Aluminum Tube Support sizing? Contract documents indicate requirements.

Engineering by others? Contract documents indicate contractor to provide engineering. Scope is in contract. Architect does not determine separation of scope between subcontractors.

160. Type D

Aluminum panel thickness? .080"

161. <u>Type M</u>

Aluminum support Channel by others? *Scope is in contract. Architect does not determine separation of scope between subcontractors.*

Finish on letters painted, or brushed aluminum? *Clear anodized of same quality level as the storefront system.*

162. Type N

Any plans showing construction details of existing signs? *Bidding contractors are required to visit site and make themselves familiar with all existing conditions. VA requested that existing signs be matched*

If not:

Panel thicknesses?

Dimensions/details of channel around perimeter?

Is Terra Cotta detail simply applied vinyl?

Specific mounting method required for sign-to-channel and channel-to-building to achieve "concealed mechanical fasteners"? provide industry standard hidden connections to adequately support sign panel in the environment in which it is installed. Connections shall be mechanical as indicated in contract documents

163. Type K

Aluminum panel thickness? .080"

164. Type R

Aluminum panel thickness? .080"

Support posts/flag mount by others? **Scope is in contract. Architect does not determine separation of scope between subcontractors**

165. PAINTING

Can you please provide the colors for the garage signage, and clarify colors to be used on the new exterior signs and the new interior way finding signs *All are custom non-metallic colors selected by Architect during construction*.

Questions regarding the specification 03 45 00:

166. 2.2, B. – is galvanized reinforcing required or is 2.2, A. black bar acceptable? Provide galvanized reinforcing for embeds. Typical precast reinforcing may be standard finish.

- 167. 2.3, C., 1., c. eliminate off color aggregate this is not viable is stock piles of aggregate from a single source. Elimination of color aggregate is not acceptable.
- 168. 2.3, D. lightweight aggregate absorption of 11% is not viable, light weight aggregate in this area has an absorption rate of 13-15%. This is acceptable; prior to construction all mixes to be submitted and pre-approved by architect/structural engineer/owner.
- 169. 2.5 isstainless steel connection material required or is 2.4, A. galvanized connection material acceptable? See responses to 87 and 88.
- 170. 2.6 bearing pads several types are listed, which is required? All listed pads are acceptable precast supplier to provide preferred material and install per specifications/industry standards.
- 171. 2.6, C. where are the vents and weeps required? Not required.
- 172. 2.7 grout materials several types are listed, which is required? Utilize epoxy-resin grout at recessed connections (similar to 5/S-441). Use of sand-cement grout is acceptable in most other locations or as preferred by precast supplier.
- 173. 2.10, E., 2 the unit weight of 115 lb./cu.ft. is not accurate for a normal weight concrete mix. The weight is listed for light weight concrete. Acceptable normal weight concrete unit weight is 145 lb/cubic ft.
- 174. 2.10, F. water absorption specified is not viable if lightweight aggregate is used. This is acceptable; prior to construction all mixes to be submitted and pre-approved by architect/structural engineer/owner.
- 175. 2.12 setting face units where are the brick panels? Not applicable.
- 176. 2.14 insulated panel casting where are the insulated panels? Not applicable.
- 177. 2.15, C. brick panels indicated again. Not applicable.
- 178. 3.2, D. venting and weeps indicated again. Not applicable.
- 179. 3.2, F. pointing of joints? Not applicable.
- 180. 3.2, G. sealing of joints water tight structure, where and who? Not applicable.

Questions pertaining to information on the drawings A-614:

- 181. Is the "Mesa" form liner a standard by someone and if yes whom? *Repeat question*.
- 182. If "Mesa" is a custom design more information and full size panel layouts are required.

 The mesa pattern and complexity (including finish, color and relief depths) shall be at the same level of complexity (indicated in the provided detail) for the full length of the panels. The panels may be identical in pattern, (though length of panels will vary based on design).
- 183. The "Mesa" design appears to have two finishes if this is correct what are they? *Exposed* aggregate at "sky" and sandblast finish at all other locations.
- 184. Please post photos of Rocky Mountain Precast sample #02-14-13A grind level 4. What does grind level 4 mean (it is not in keeping with PCI designations)? If photos are not available reference a color and finish in the current PCI color and texture guide. Sample will be available at design architect's office (CooverClark & Associates, 1936 Market Street, Denver, CO 80202 (303) 783-0040.
- 185. What is a level #3 wash (it is not in keeping with PCI designations)? Yes, it is in keeping with PCI designations: Level 3- Medium Aggregate- exposing more of the overall girth of the aggregate within the substrate. The depth of grind will depend greatly on placement and finishing procedures. Generally, this level of grind can be achieved within 1/8th inch of the surface.
- 186. Details 2&5/A-614 need to be modified to show relief or slope to allow for the release of the concrete from the form. We leave that to be designed by the precast subcontractor.
- 187. Is there a specification for the brushed stainless steel insert in the column covers? **No**, there is not a specification for that finish. It will be #5 brushed, or chosen from manufacturers standard and custom finish palette at the submittal and shop drawing stage.
- 188. Is there a potential thermal expansion problem between the stainless insert and the concrete that may spall the concrete at the sides of the recess? *This will be taken into account by the precast subcontractor and architect/owner at time of submittal of shop drawing stage.*

Questions pertaining to drawing elevations A-301 and A-302:

189. The precast spandrels show "mid-span column" joints in some locations and not in others, which detail is correct? They should ALL have joints at mid-span column for ease of installation. (If the precaster can deliver the full lengths, without the joints, and it saves on the cost of the precast installation, we can consider that option during construction.)

- 190. Can the column covers be jointed horizontally into two or more vertical pieces? *Design intent is that this is one continuous piece.*
- 191. It is assumed that only the columns shown with a recess are the precast column covers and that all other columns are poured in place concrete. Question is not completely clear.
 Contractor needs to identify each column in question, and clarify the question

Questions pertaining to drawing A-612:

- 192. Is caulking required between the back of the precast and the poured in place concrete columns? Yes, full sealant required both between the precast and the columns, as well as between precast and the slabs.
- 193. General details would indicate zero tolerance between the back of the precast and the poured in place concrete. There should be reasonable erection tolerances allowed. Reasonable tolerances are allowed. Full sealant required.

Question pertaining to drawing A-414:

194. Detail 1/A-414 – references detail 12/A-651 and structural reinforcing, this sheet is missing and the structural drawings have no reference to the reinforcing of the spandrels. True. The spandrel (precast) detail is shown on A-614. Structural reinforcing of the spandrels to be designed by the precast sub-contractor.

Questions pertaining to structural drawings:

- 195. The schematic connections shown on sheets S-402, S-441 and similar details show portions if not all of the precast connection exposed to view, is this acceptable? Connections shown are schematic in nature and do not attempt to show all conditions or define with any finality the required connections. Final connections will be required to be submitted and reviewed prior to fabrication or construction. Connections visible from the interior underside are acceptable. Connections visible from the exterior or top side of slab shall be recessed and grouted or hidden if possible.
- 196. According to the Phasing Plan on Sheet C-140, Phase I includes the construction of the new access road that will allow traffic to access the southwest parking lots. Is it the intention of the VA to keep the parking lot and access road (Phase II, over the footprint of the new garage) open for use until Phase I is complete. With the stipulated time duration of 365 days, we are concerned we will lose valuable time if we have to complete

Phase I prior to the start of Phase II. Is it possible to work concurrently, Phase I and Phase II, without disturbing the overall traffic flows at the site? We can closely coordinate with the VA if this option is feasible.

The intent is to have Phase I roadway constructed and active to delivery truck traffic prior to any disruption of traffic flow due to Phase II construction. The Government understands that there will be Phase II activity during Phase I roadway construction; however, the Phase II activity shall not impede vehicular traffic. Impeding would include but not be limited to temporary barriers, trenching, temporary closures, construction materials deliveries, etc. At no time will ambulance and transport vehicles be restricted from entering the Medical Center grounds from North Avenue.

197. Specification Section 01-00-00, Section 1.1 General Intention, Paragraph G, calls for all employees of the General Contractor and all Subcontractors shall have 30-Hour OSHA Credentials. On previous VA Projects we have been involved with the requirement was for all Foreman, Superintendents and/or Supervisors to hold a 30-hour OSHA Card and all other employees under them to hold a minimum of a 10-hour OSHA Card. Will this requirement be mandated as per the Specifications or can it be modified as described above?

See question No. 69.

- 198. CLIN #0006 calls for the construction of a storm water retention pond. If CLIN #0006 is not accepted and approved, where will the storm water runoff be directed? Is there an alternate plan showing us what we are to construct if CLIN #0006 is not approved? Same as 111. Retention pond will be a part of this project.
- 199. Reference Sheet A-301. The columns above the 1st floor are called out as white concrete. Please confirm that the design intent is for the columns to be cast with white concrete. All of the other exposed concrete is painted white, with the exception of the columns at the first level that are poured with integral color "brown". *Repeat question*.
- 200. The Specifications indicate we are to submit Unit Prices for the piles for each pile diameter indicated. Will a Pile Schedule be forthcoming to supplement the current Bid Documents? Section 4.3.1 in the Geotechnical Report indicates a 10" min. diameter steel pile or a 10" "H" pile. Is the choice up to the GC, or will the engineer specify the exact pile to be used? What pile lengths are we to base our Base Bid on? (Geotechnical reports has the piles driven to 45-55 feet below the existing ground surface). See previous responses. See general notes (S-002) and pile schedule/details (S-405).
- 201. Within the specifications, there is a specification for Parking Control Systems (11-12-00). There is nothing shown on the drawings for a parking control system. Please clarify whether or not we are to provide the system. If this system is required, please provide supplementary drawings and specifications when required. No need for specifications. The parking control system was taken out of the scope for this

project.

- 202. Page 12 of 72 in the Solicitation Noted, Factor 5 Price, requires the General Contractor to provide a itemized cost proposal showing all materials as well as quantities and unit pricing for each item. It is nearly impossible to provide a detailed breakdown considering we are receiving pricing from all our major subs up and until the very last moment prior to bid time. We request that this requirement be eliminated or
 - a. delayed until three (3) days after the initial Proposal Submission. Will these Unit Prices be utilized to calculate additional work on top of the Contract Work?

This is required as indicated in the solicitation.

- 203. Reference detail 3 on A301, the note at column line 7. Note references detail 6 on A-614. The referenced detail shows a CMU wall. Please clarify the intent of the note. Mistake. The note should read detail 3/A-614.
- 204. The RFP requires the submission of two hard copies along with one digital copy (pdf format) on a standard CD. Does the government require the price proposal to be submitted on the CD? Pricing will be received up until the due date. It will be very difficult to put the pricing information on a CD. Please consider requiring a CD for only the technical proposal and not the price proposal.

Yes, the entire proposal is due at the same time

205. Is there a page limitation on the Volume I – Technical Proposal?

Unless listed in the solicitation, there are no limitations.

206. -Do you want the hardcopies of each volume put into 3 ring binders?

Unless the method is listed in the solicitation, it is up the offeror.

207. The evaluation criteria for Factor 4 seems to significantly restrict competition very few service disabled veteran owned small businesses have \$5M-\$10M 160,000 SF multi-storied parking structures. In an effort to increase competition, would the Government accept and equally evaluate Factor 4 projects provided by key subcontractors and/or team partners?

Factor 4 will be evaluated as listed in the solicitation.

208. According to FAR Clause 15.305 (a)(2)(iii), "The evaluation (of Past Performance) should take into account past performance information regarding predecessor companies, key personnel who have relevant experience, or subcontractors that will perform major or critical aspects of the requirements when such

information is relevant to the instant acquisition." Therefore, will the Government please confirm that key personnel and key subcontractor's past performance and experience will be accepted and equally evaluated for Factor 4?

Past performance will be evaluated as stated in the solicitation, similar to the response in question 75.

209. Deductive bid option number 0008 is to Deduct the 4th Floor. If this option is selected, will that impact the design of the driven piles? If so, can you clarify what the new criteria will be for the driven piles?

Acceptance of deductive alternate No. 8 will NOT alter or modify piling design.

210. The Davis Bacon Wage Determination shows Jefferson County Carpenters at \$26.60 wage rate with \$8.89 fringes. It shows Mesa County Cement Mason/Concrete Finisher at \$23.25 wage rate and \$10.23 fringes. It also shows Jefferson County Carpenters Formbuilding/Formsetting at \$17.55 wage rate and \$3.70 fringe. Then it has a classification for Laborer at \$10.40 wage rate and \$2.62 fringe. How do we classify our crews that are forming, reinforcing, placing and finishing the concrete structure? Can we group them as Laborers?

Yes that's correct.

211. On page 10 of 72 of VA259-14-R-1018-006, under Factor 4 Past Performance, it says the offeror shall demonstrate corporate experience by submitting up to five relevant projects. Is the requirement a total of five project for the entire team (including the offeror and key subcontractors) or is it acceptable to submit five projects for each team member (e.g., offeror, key subcontractor)?

If the solicitation doesn't specify, it's up to the offeror to submit what they feel demonstrates the strongest past performance.

212. On page 10 of 72 of VA259-14-R-1018-006, under Factor 4 Past Performance, under number "6. Offeror shall include information in proposal documenting that it has no more than three serious, one repeat, or one willful OSHA or EPA violation(s) in the past three years." Is the offeror excluded from consideration if they do not meet this requirements?

Yes, that's correct.

213. On page 10 of 72 of VA259-14-R-1018-006, under Factor 4 Past Performance, under number "7.

Offeror shall include documentation from its insurance carrier that it has an Experience Modification Rate (EMR) of equal to or less than 1.0." Is the offeror excluded from consideration if they have an EMR or greater than 1.0?

Yes, that's correct.

- 214. On page 12 of 72 of VA259-14-R-1018-006, under Factor 5 Price, number 2 says, "In addition to providing the firm fixed price lump sum amount the pricing schedule included, offerors must provide an itemized cost proposal showing all materials as well as quantities and unit pricing for each item. Provide hours for each trade along with their hourly wage rate. Also, provide amounts for supervision, equipment, mobilization, subcontractors, profit, overhead, bonds and any other direct cost that comprises the total proposed amount." This information would typically not be included in this type of competitive proposal. We have seen it used more for sole-source type procurements. Please consider deleting this requirement or allowing it to be submitted 48 hours after the proposal has been submitted.

 This is required.
- 214. Is the safety factor built in to the deep foundation requirements? Safety factors are built into the design capacities listed as "Allowable Pile Loads." They are appropriate for use in Allowable Stress Design load combinations.
- 215. The drawings refer to glass types GL-1 and GL-2 but there isn't a glass type schedule. The window system is non-thermal, does it mean the glass should be ¼" blue and bronze annealed and tempered as indicated on the drawings? The specifications refer to monolithic, laminated, and insulated glass and are very general. Please clarify. A non-thermally broken, steel reinforced aluminum storefront system, with insulated glazing units, annealed and tempered as indicated on the drawings will be required. Glazing colors blue and bronze to be chosen by the architect and owner from manufacturers standard color palettes at time of submittal of shop drawings.
- 216. In section 01 00 00-1, 1.1 General Intention, G. Training, it says, "All employees of general contractor or subcontractors shall have the 30-hour OSHA certified Construction Safety course and or other relevant competency training, as determined by VA CP with input from the ICRA team." At the site visit, it was mentioned that all onsite personnel need OSHA training. This requirement is not typical and will require a significant investment from subcontractors in order to meet this requirement. Would the government please consider reducing this to an OSHA 10-hour certified or only jobsite supervisors need OSHA training? See question No. 69
- 217. It was mentioned at the site visit that all onsite personnel would be required to have a Tuberculosis (TB) test. This is not mentioned our required in any of the contract documents. Is this requirement going to be enforced? See guestion No. 70

- 218. On page 70 of 72 in the solicitation, it says "12. All contractor personnel shall have an identification badge, complete with an updated picture. Such badge shall be worn by the individual and prominently displayed at all times while on VA property. No employee of the contractor shall enter the project site without a valid identification badge issued by the VA. All contractor personnel are subject to inspection of personal effects when entering or leaving the project site." Please confirm that these badges will be issued by the VA and the contractor is not to incur the cost of the badges. Contractor shall incur all costs for personal identification badges for all levels of personnel under the contract.
- 219. Will the government provide any offsite staging or laydown area for the contractor?

The Government will NOT provide for any offsite staging or laydown areas.

220. In section 01 00 00, paragraph 1.7 Infection Prevention Measures, part A, it says, "Implement the requirements of VAMC's Infection Control Risk Assessment (ICRA) team." Can the government please provide their Infection Control Risk Assessment classification of the project (Attachment D)?

See Attachment A, ICRA Matrix of Precautions for Construction and Renovation

221. At the site visit, it was mentioned that noise was a concern. According to Section 015719, paragraph F.1, it says, "Perform construction activities involving repetitive, high-level impact noise only between 8:00 a.m. and 6:00 p.m unless otherwise permitted by local ordinance or the Resident Engineer." Please confirm that the work hours are still as per specification.

See line No. 144. Work hours are as noted.

222. Will any city, county or state specific permitting or traffic control measures be required for the turn lane off of North Ave or at other areas on the site?

Contractor is responsible for all coordination with the Colorado Department of Transportation and the City of Grand Junction concerning North Avenue/U.S. Hiway 6.

- 223. Deductive bid option number 0008 is to Deduct the 4th Floor. If this option is selected, will that impact the design of the driven piles? If so, can you clarify what the new criteria will be for the driven piles? No impact to pile design is expected as a result of any deduction alternates.
- 224. The Davis Bacon Wage Determination shows Jefferson County Carpenters at \$26.60 wage rate with \$8.89 fringes. It shows Mesa County Cement Mason/Concrete Finisher at \$23.25 wage rate and \$10.23 fringes. It also shows Jefferson County Carpenters Formbuilding/Formsetting at \$17.55 wage rate and \$3.70 fringe. Then it has a classification for Laborer at \$10.40 wage rate and \$2.62 fringe. How do we classify our crews that are forming, reinforcing, placing and finishing the concrete structure? Can we group them as Laborers?

See question No. 210.

225. On page 10 of 72 of VA259-14-R-1018-006, under Factor 4 Past Performance, it says the offeror shall demonstrate corporate experience by submitting up to five relevant projects. Is the requirement a total of five project for the entire team (including the offeror and key subcontractors) or is it acceptable to submit five projects for each team member (e.g., offeror, key subcontractor)?

If the solicitation doesn't specify, it's up to the offeror to submit what they feel demonstrates the strongest past performance.

- 226. On page 10 of 72 of VA259-14-R-1018-006, under Factor 4 Past Performance, under number "6. Offeror shall include information in proposal documenting that it has no more than three serious, one repeat, or one willful OSHA or EPA violation(s) in the past three years." Is the offeror excluded from consideration if they do not meet this requirement?
 - See question 212.
- 227. On page 10 of 72 of VA259-14-R-1018-006, under Factor 4 Past Performance, under number "7. Offeror shall include documentation from its insurance carrier that it has an Experience Modification Rate (EMR) of equal to or less than 1.0." Is the offeror excluded from consideration if they have an EMR or greater than 1.0?

See question 213.

- 228. On page 12 of 72 of VA259-14-R-1018-006, under Factor 5 Price, number 2 says, "In addition to providing the firm fixed price lump sum amount the pricing schedule included, offerors must provide an itemized cost proposal showing all materials as well as quantities and unit pricing for each item. Provide hours for each trade along with their hourly wage rate. Also, provide amounts for supervision, equipment, mobilization, subcontractors, profit, overhead, bonds and any other direct cost that comprises the total proposed amount." This information would typically not be included in this type of competitive proposal. We have seen it used more for sole-source type procurements. Please consider deleting this requirement or allowing it to be submitted 48 hours after the proposal has been submitted.
 - All information requested in the solicitation is necessary.
- 229. Will the government allow value engineering that deviates from the plans and specifications if it maintains the same functionality and aesthetics?

NO

230. The RFP requires the submission of two hard copies along with one digital copy (pdf format) on a standard CD. Does the government require the price proposal to be submitted on the CD? Pricing will be received up until the due date. It will be very difficult to put the pricing information on a CD. Please consider requiring a CD for only the technical proposal and not the price proposal.

The entire proposal must be included in a digital format on the CD as requested.

- 231. Detail 5/S402 indicates concrete at both sides of grade beam at garage entries, but page C110 shows asphalt to the building edge. Please confirm that sheet C110 will govern and no exterior concrete apron will be required? Civil drawings govern. See previous responses.
- 232. Regarding bid alternate 7 to deduct the fourth floor (CLIN 0008):
 - a. At what elevation will the columns be terminated at deck perimeter? At ramp sides?
 - b. Will the upturned beam PB 22 be dropped to the third floor level (grid 11 from D to E)?
 - c. Will rebar couplings be required at the tops of vertical bars in columns to allow future extension? Terminators? The deduction is affectively removing level 3 and lowering level 4 12ft. Rebar couplers are required at all columns embedded below top of column. Couplers for future ramp beam reinforcing and post-tensioning will also be required.
- 233. The new PM&RS building is to be constructed concurrent with the garage. Will a 20' wide open easement around the garage be provided at all times for garage construction (not blocked by PM&RS building construction activities)?

See line No. 47

234. Sheet C-110 and E-701 show phase 1 and phase 2 work limits. Can phase 1 and phase 2 be constructed concurrently as long as utility / fiber optic service to the hospital is not compromised?

See line No. 196

- 235. 10/s401 shows thickened slab at interior CMU walls we assume the drill and epoxy method is o.k. for these interior walls. S-502 shows CMU "shear wall" requirements for embedded vert. dowels: which CMU walls are considered "shear walls"? Is drill and epoxy method acceptable at shear walls if embedment is increased (i.e. per Hilti table)? Dowels may be cast-in per 4/S-502, or drill and epoxy is acceptable per 1/S-502. Shear walls are denoted on plans; they provide lateral resistance at both stair towers and are also load bearing. Non-bearing walls do not recieve vertical load from structure above (example storage area). Shear walls dowels are preferred as cast-in
- 236. Will bollard detail 17/S401 be used at all locations inside the garage, or will detail 13/S401 be an acceptable alternative for bollards on level one inside? See previous responses. 13/S401 will be an acceptable alternate at slab-on-grade locations.
- 237. Sheet S411 shows both lap splice and mechanical coupling options on vertical column bars. Is the use of couplings vs. lap splices our option, or will mechanical couplings be mandated for all vertical column bars? Are couplings to be galvinized? Concrete column schedule requires mechanical couplings for all columns due to reinforcing congestion. Galvanizing is not required.
- 238. Barrier cable sleeves are at an angle to match the ramp, but stirrups for the column are horizontal. Can horizontal stirrup spacing be adjusted to miss the barrier cable sleeves as long as the number of stirrups present does not change? Column tie spacing may be adjusted slightly as required, but total number of ties must stay the same.

- 239. Are barrier cables required at the deck perimeter where metal mesh is placed rather than precast concrete spandrels? Where precast panel or upturned beam are not present cable barriers are required. See previous responses.
- 240. A-302 and 3/A-614 indicate integral color for first floor columns. Is integral color only required at perimeter (not interior) columns? Can you define the color desired based on "Davis Colors" the standard for colored concrete locally (this affects the concrete mix cost)? Also, on 1/A414 "white concrete" is noted above the brown is this just denoting uncolored concrete? *Repeat question*.
- 241. Page 03 30 00-4 requires construction of an 8'x8' mockup panel. Will this be colored concrete or grey? The mock up panel(s) should include all varieties of concrete: grey, integral brown and integral white.
- 242. Page 03 30 00-8 requires form ties that break at 1 1/2" from the surface, but standard cone ties break at 1". Will standard cone ties be acceptable? Standard cone ties are acceptable
- 243. Page 03 30 00-10 specifies silane sealer with water cure (not membrane cure) on parking decks, but 03 30 00-25 allows a membrane cure. Which requirement will govern, and is silane sealer required at all levels? Membrane cure is acceptable for slab-on-grade applications. Silane sealer, with water cure, is required on all elevated parking decks
- 244. Page 03 30 00-10 indicates 2" wire mesh for stair pans will this be laid in pans or be required to be on chairs? Wire mesh is required to be supported on chairs
- 245. Page 03 30 00-21 shows vapor barrier requirement for "slab-on-grade". Is level 1 of the parking deck considered to be slab on grade, and if so, what mil thickness of vapor barrier will be required? See response to 7.
- 246. Will two technicians be provided by the government on large pour days so that air content testing will not delay the pour (this has been an issue in the past)? The Government anticipates adequate personnel to be available.